

STN Search

=> d hist

(FILE 'HOME' ENTERED AT 13:15:46 ON 03 DEC 2004)

FILE 'CONFSCI' ENTERED AT 13:15:52 ON 03 DEC 2004

L1 10655 S (MOTOR OR ENGINE?) () OIL? OR LUBRICAT? OR OIL OR OILS OR GREAS  
L2 3 S L1 AND (CUSTOMI? OR DESIGNER?)

STN Search

=> display 12

ENTER ANSWER NUMBER OR RANGE (1):1-3

ENTER DISPLAY FORMAT (BIB):bib

L2 ANSWER 1 OF 3 CONFSCI COPYRIGHT 2004 CSA on STN  
 AN 2002:60267 CONFSCI  
 DN 02-060267  
 TI Applications of **designer** oil containing medium chain triglycerides, phytosterols and omega-3 fatty acids for use as functional oil  
 AU Du, W.; Zawistowski, J.  
 CS Forbes Medi-Tech, Vancouver, British Columbia, Canada  
 SO ISSFAL 2002, c/o Golden Planners Inc., 126 York St., Suite 301, Ottawa, Ontario K1N 5T5, Canada; phone: 613-241-9333; fax: 613-565-2173; email: info@goldenplanners.com. Paper No. WP-54.  
 Meeting Info.: 000 6055: ISSFAL 2002: 5th International Congress of the International Society for the Study of Fatty Acids and Lipids (0006055). Montreal (Canada). 7-11 May 2002. International Society for the Study of Fatty Acids and Lipids.  
 DT Conference  
 FS DCCP  
 LA English

L2 ANSWER 2 OF 3 CONFSCI COPYRIGHT 2004 CSA on STN  
 AN 2000:59126 CONFSCI  
 DN 00-055997  
 TI Production of **designer** oils from microalgae  
 AU Apt, K.  
 CS Martek Biosciences Corporation, USA  
 SO American Oil Chemists' Society, AOCS Meetings and Exhibits Department, P.O. Box 3489, Champaign, IL 61826-3489, USA; phone: 1-217-359-2344; fax: 1-217-351-8091; email: meetings@aocs.org.  
 Meeting Info.: 002 0422: 91. Annual Meeting of the American Oil Chemists' Society (0020422). San Diego, CA (USA). 25-28 Apr 2000. AOCS.  
 DT Conference  
 FS DCCP  
 LA English

L2 ANSWER 3 OF 3 CONFSCI COPYRIGHT 2004 CSA on STN  
 AN 91:51762 CONFSCI  
 DN 92020204  
 TI Production and use of Omega-3 **designer** oils from microalgae  
 AU Kyle, D.J.; Gladue, R.M.; Reeb, S.; Boswell, K.  
 CS Martek Corp., Columbia, MD  
 SO SIM, P.O. Box 12534, Arlington, VA 22209-8534, USA. Fax: (703) 941-8790. Telephone: (703) 941-5373., Paper No. S54.  
 Meeting Info.: 914 5024: Second International Marine Biotechnology Conference (9145024). Baltimore, MD (USA). 13-16 Oct 1991. Society for Industrial Microbiologists.  
 DT Conference  
 FS DCCP  
 LA UNAVAILABLE

File 1:ERIC 1966-2004/Jul 21  
      (c) format only 2004 The Dialog Corporation  
 File 2:INSPEC 1969-2004/Nov W3  
      (c) 2004 Institution of Electrical Engineers  
 File 5:Biosis Previews(R) 1969-2004/Nov W3  
      (c) 2004 BIOSIS  
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      (c) 2004 NTIS, Intl Cpyrght All Rights Res  
 File 7:Social SciSearch(R) 1972-2004/Nov W4  
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      (c) 2004 Elsevier Eng. Info. Inc.  
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 File 26:Foundation Directory 2004/Dec  
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      (c) 2002 Amer.Meteorological Soc.  
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      (c) 2004 Aristarchus Knowledge Indus.  
 File 31:World Surface Coatings Abs 1976-2004/Nov  
      (c) 2004 PRA Coat. Tech. Cen.  
 File 34:SciSearch(R) Cited Ref Sci 1990-2004/Nov W4  
      (c) 2004 Inst for Sci Info  
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      (c) 2004 ABC-CLIO  
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 File 42:Pharmaceuticl News Idx 1974-2004/Nov W4  
      (c)2004 ProQuest Info&Learning  
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(c) 2004 Sport Information Resource Centre

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(c) 2004 Public Affairs Information Service

File 50:CAB Abstracts 1972-2004/Oct  
(c) 2004 CAB International

File 51:Food Sci.&Tech.Abs 1969-2004/Dec W1  
(c) 2004 FSTA IFIS Publishing

File 52:TSCA Chemical Substances Inventory 2003/OCT,  
(c) 2003 ACS

File 53:FOODLINE(R): Science Sight 1972-2004/Dec 01  
(c) 2004 LFRA

File 54:FOODLINE(R): Market Sight 1979-2004/Nov 29  
(c) 2004 LFRA

File 58:GeoArchive 1974-2004/Oct  
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File 59:FOODLINE(R): LEGAL SIGHT 1972-2004/SEP 09  
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(c) 2004 American Institute of Physics

File 63:Transport Res(TRIS) 1970-2004/  
(c) fmt only 2004 Dialog Corp.

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(c) format only 2004 The Dialog Corp

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File 74:Int.Pharm.Abs 1970-2004/Nov B2  
(c) 2004 Amer.Soc.of Health-Sys.Pharm.

File 75:TGG Management Contents(R) 86-2004/Nov W2  
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File 81:MIRA - Motor Industry Research 2001-2004/Oct  
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(c) 2004 The Gale Group

File 89:GeoRef 1785-2004/Nov B1  
(c) 2004 American Geological Institute

File 91:MANTIS(TM) 1880-2004/Nov  
2001 (c) Action Potential

File 92:IHS Intl.Stds.& Specs. 1999/Nov  
(c) 1999 Information Handling Services

Set	Items	Description
S1	4358942	(MOTOR OR ENGINE? ?) ( )OIL? ? OR LUBRICAT? OR OIL OR OILS OR

		GREASE?
S2	39947	(ENHANC? OR ADD OR ADDS OR ADDING) (5N) (ADDITIVE? OR INHIBI-
		TOR? OR ANTIDIOXIN?)
S3	297	S1(3N)S2
S4	17	S3 NOT (OIL OR OILS)
S5	10	S4 NOT PY>2000
S6	7	RD (unique items)

3/3,K/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

05125136 E.I. No: EIP98094391962

**Title: City and waste services firm develop creative public-private partnership**

Author: Moss, Bonnie  
Corporate Source: Browning-Ferris Industries, Inc, Houston, TX, USA  
Source: Public Works v 129 n 10 Sep 1998. 3p  
Publication Year: 1998  
CODEN: PUWOAH ISSN: 0033-3840  
Language: English

...Abstract: all categories of recyclables: glass, aluminum, plastic, newspaper, mixed paper, green waste, cardboard, and used **motor** oil . The **customized** truck solution and the first few weeks of the contract were just the beginning of...

3/3,K/2 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02270660 88540066

**The upside of aftercare**

Deierlein, Bob  
Beverage World v120n1707 PP: 54 Oct 15, 2001  
ISSN: 0098-2318 JRNL CODE: BEV  
WORD COUNT: 549

TEXT: NEW TRUCKS

OEMs make it easy-and cost-efficient-for beverage fleets to outsource **customized** PM to qualified technicians.

**Engine** - oil changes are simple to schedule and invoice with each QuickCare QuickLube service option.

Swipe Peterbilt...

3/3,K/3 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00612197 92-27300

**New PM Programs**

Birkland, Carol  
Fleet Equipment v18n5 PP: 16-21 May 1992  
ISSN: 0747-2544 JRNL CODE: FEQ  
WORD COUNT: 2773

...ABSTRACT: flow through the exhaust. Many engine suppliers, oil refining companies, and independent laboratories now offer **engine** oil analysis programs. The **Customized** Oil Maintenance Program from Quaker State gives fleets an opportunity to monitor oil and engine...

3/3,K/4 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05434292 Supplier Number: 48240813 (USE FORMAT 7 FOR FULLTEXT)  
**Graham Packaging Hldgs, Unit Asgnd B+, B- Rtgs by S&P.**  
Business Wire, p01220234  
Jan 22, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 685

... defensible and low-cost positions in consumer goods packaging.  
Graham is a leading manufacturer of **customized** blow molded plastic  
containers for **motor oil** (39% of revenues) and various consumer  
products -- including foods and beverages (27%) and household and...

6/5/1 (Item 1 from file: 8)  
DIALOG(R) File 8: Ei Compendex(R)  
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

02136082 E.I. Monthly No: EIM8612-083599

Title: WHAT DOES THE ENGINE DESIGNER NEED TO KNOW ABOUT ENGINE OILS ?

Author: Sieloff, Frank X.; Musser, Jerry L.

Corporate Source: Lubrizol Corp

Conference Title: Fuels and Lubricants for Internal Combustion Engines.

( Papers Presented at the SAE Detroit Section Junior Activity Lecture Series.)

Conference Location: Detroit, MI, USA Conference Date: 19820300

Sponsor: SAE, Detroit Section Junior Activity, Detroit, MI, USA

E.I. Conference No.: 08530

Source: SAE Special Publications SP-531. Publ by SAE, Warrendale, PA, USA  
p 39-49

Publication Year: 1982

CODEN: SAESA2 ISSN: 0099-5908 ISBN: 0-89883-302-7

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8612

Abstract: The functions of engine oil are reviewed. The chemistry of engine oil additives and synthetics is described in terms for the non-chemist. The latest SAE engine oil viscosity classifications and API service designations are detailed. Developments underway to upgrade engine oil quality are discussed. (Author abstract) 12 refs.

Descriptors: \*INTERNAL COMBUSTION ENGINES--\*Lubricating Oils; LUBRICATING OILS--Synthetic Products; LUBRICANTS--Additives

Identifiers: ENGINE OIL CHEMISTRY; OIL PROPERTIES CLASSIFICATIONS; API SERVICE DESIGNATIONS; LUBRIZOL CORPORATION

Classification Codes:

612 (Combustion Engines); 607 (Lubricants & Lubrication)

61 (PLANT & POWER ENGINEERING); 60 (MECHANICAL ENGINEERING)

6/5/2 (Item 1 from file: 9)  
DIALOG(R) File 9: Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

1053162 Supplier Number: 01053162

And Now, Designer Motor Oil ?

(Quaker State released Quaker State 4x4 motor oil backed up by US\$5 mil ad campaign)

Business Week, n 3390, p 58

September 19, 1994

DOCUMENT TYPE: Journal; Company Overview ISSN: 0007-7135 (United States)

LANGUAGE: English RECORD TYPE: Abstract

#### ABSTRACT:

On 9/1/94, Quaker State Corp (Oil City, PA) released Quaker State 4x4 motor oil, backed up by a US\$5 mil ad campaign from Chiatt/Day (Los Angeles, CA). The new oil, oriented toward the growing market in sport utility vehicles, sells for US\$1.75/qt, vs US\$1 for regular Quaker State oils. The attempt is to create brand recognition among consumers who know very little about what type of oil should be used in their cars. The idea came from Herbert M Baum, who became CEO of Quaker State in 6/93. The company had losses of US\$31.2 mil on 1992 revenues of US\$724 mil. In 1993, it had profits of US\$13.7 mil on US\$759.1 mil sales. Baum has focused the once-diversified company on oil, divesting its Heritage Insurance Corp for US\$86 mil to General Electric Co. In 8/94, the company purchased Specialty Oils



(Shreveport, LA) for US\$121 mil, Quaker's largest distributor. The addition of Specialty Oils will raise the Quaker's oil sales to US\$800 mil, up around 2 times vs Quaker's current oil sales. The company will increase its number of oil-change outlets by 600, around 1/3.

COMPANY NAMES: CHIAT-DAY INC ADVERTISING (CHIAT-DAY HOLDINGS INC); QUAKER STATE CORP; SPECIALTY OIL COS  
INDUSTRY NAMES: Business services; Oil & gas  
PRODUCT NAMES: Petroleum refining (291000); Lubricating oils and greases (299200); Advertising agencies (731100)  
CONCEPT TERMS: All company; All market information; All product and service information; Corporate strategy; Mergers & acquisitions; Marketing campaign; Orders; Product introduction  
GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

6/5/3 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00912315 95-61707

And now, designer motor oil ?

Baker, Stephen

Business Week n3390 PP: 58 Sep 19, 1994 CODEN: BWITEU ISSN: 0739-8395

JRNL CODE: BWE

DOC TYPE: Journal article LANGUAGE: English LENGTH: 1 Pages

SPECIAL FEATURE: Graphs

ABSTRACT: On September 1, 1994, Herbert M. Baum launched his first new product, a motor oil for the growing fleet of light trucks, sport-utility vehicles and minivans, called Quaker State 4x4. Quaker State 4x4 is similar to other blends, such as Valvoline's Durablend. However, Baum has hired advertising agency Chiatt/Day to turn 4x4 into a popular brand. Baum is refocusing the company squarely on motor oil. After selling Quaker's Heritage Insurance Group to General Electric for \$86 million, he agreed in August 1994 to pay \$121 million for Specialty Oils, a motor-oil producer and Quaker's biggest distributor. That will nearly double Quaker's oil sales, to \$800 million, and make it a big player in the growing oil-recycling business. Baum aims to regain market share, 1% per year.

COMPANY NAMES:

Quaker State Oil Refining Corp (DUNS:00-433-7119)

GEOGRAPHIC NAMES: US

DESCRIPTORS: Petroleum industry; Corporate profiles; Corporate objectives; Turnaround management; Product introduction; Market strategy

CLASSIFICATION CODES: 8510 (CN=Petroleum industry); 9110 (CN=Company specific); 2310 (CN=Planning); 7500 (CN=Product planning & development); 9190 (CN=United States)

6/5/4 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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03933078 Supplier Number: 45686183

The Naked Truth About Italian Advertising--and Much, Much More

The Washington Post, pA16

July 24, 1995

ISSN: 0190-8286

Language: English Record Type: Abstract

Document Type: Newspaper; General Trade

ABSTRACT:

Italy: The country's fashion and advertising industries are becoming more daring with an increased incidence of partial or full nudity. Such presentations have been used in commercials by Martini and Max **motor oil** and by **designers** such as Valentino. In particular, the 1995 summer fashion parade held in Rome drew much criticism. Even Giorgio Armani believed that the nudity was unnecessary. Similarly, a Max motor oil commercial has enraged women's rights groups, who claim that it encourages violence against women.

PUBLISHER NAME: Washington Post Company

EVENT NAMES: \*290 (Public affairs)

GEOGRAPHIC NAMES: \*4EUIT (Italy)

PRODUCT NAMES: \*7310000 (Advertising Services); 2300000 (Apparel & Related Products)

INDUSTRY NAMES: BUSN (Any type of business); REG (Business, Regional)

NAICS CODES: 5418 (Advertising and Related Services); 315 (Apparel Manufacturing)

SPECIAL FEATURES: INDUSTRY

6/5/5 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

17393394 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Husband Cut Up His Wife's Pounds 5,500 Clothes**

DAILY MAIL, p44

June 23, 2001

JOURNAL CODE: FDM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 260

A HUSBAND went into battle when he discovered his estranged wife had 'Ruined' his treasured collection of war books.

After months of bitter divorce proceedings, Anthony Tampin broke into his former home - and to his horror found the books had been stored in the garage over the winter.

Copyright 2001 Daily Mail. Source: World Reporter (Trade Mark) - FT McCarthy.

COUNTRY NAMES/CODES: United Kingdom (GB)

REGIONS: Europe; European Union; Western Europe

6/5/6 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

08046658 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The mainland punishment hardly fits the crime, writes Matthew Miller**

**Counterfeiters making merry**

SOUTH CHINA MORNING POST, p12

November 03, 1999

JOURNAL CODE: FSCP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 978

With a seasoned kick, trademarks officer Ou Xujian sent the wooden door flying and launched a series of raids on an underground shampoo-manufacturing ring.

The apartments Mr Ou entered late last month, together with a dozen of his colleagues from the Guangzhou Administration for Industry & Commerce (AIC), were located in a four-floor family dwelling in the city's northern Baiyun district.

Copyright 1999 South China Morning Post Publishers Ltd. Source: World Reporter (Trade Mark) - Asia Intelligence Wire.

DESCRIPTORS: Crimes; General News; Law & Legal Issues; Regulation of Business; Company News  
COUNTRY NAMES/CODES: China (CN)  
REGIONS: Asia; Far East  
SIC CODES/DESCRIPTIONS: 2844 (Toilet Preparations); 9651 (Regulation of Miscellaneous Commercial Sectors)  
NAICS CODES/DESCRIPTIONS: 32562 (Toilet Preparation Mfg); 92615 (Regulation Licensing & Inspection of Miscellaneous Commercial Sectors)

6/5/7 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

04120770 SUPPLIER NUMBER: 15832834

And now, designer motor oil ? Quaker State's Herb Baum thinks he can give lubricants cachet. (Quaker State CEO Herbert M. Baum)

Baker, Stephen

Business Week, n3390, p58(1)

Sept 19, 1994

ISSN: 0007-7135

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

ABSTRACT: Baum is applying the same tactics commonly used to market consumer products to market motor oil. Believing that brand recognition is crucial, the former Campbell Soup executive is promoting the company's new Quaker State 4X4 motor oil with a \$5 million ad campaign.

SPECIAL FEATURES: illustration; photograph; graph

DESCRIPTORS: Automobile supplies industry--Management; Lubricants industry--Management; Lubricating oils--Marketing

NAMED PERSONS: Baum, Herbert M.--Management

PRODUCT/INDUSTRY NAMES: 2992011 (Motor Oils for Onroad Vehicles)

SIC CODES: 2992 Lubricating oils and greases

FILE SEGMENT: MI File 47

6/5/8 (Item 1 from file: 63)

DIALOG(R)File 63:Transport Res(TRIS)

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00922785 DA

**TITLE: THE ACEA MOTOR OIL SPECIFICATIONS**

AUTHOR(S): Podobnik, M; Bambic,; Orsic, M

CORPORATE SOURCE: Society for Fuels and Lubricants, Berislaviceva 6, HR-10000 Zagreb, Croatia

JOURNAL: Fuels and Lubricants Vol: 41 Issue Number: 1 Pag: pp 23-43

PUBLICATION DATE: 20020200 PUBLICATION YEAR: 2002

LANGUAGE: English SUBFILE: HRIS (H)

ISSN: 0350350X

AVAILABILITY: Society for Fuels and Lubricants; Berislaviceva 6 ;

HR-10000 Zagreb ; Croatia

ORDER NUMBER: N/A

REFERENCES: 6 Ref.

ABSTRACT: ACEA (Association des Constructeurs Europeens d'Automobiles) represents an association of European vehicle **designers**. The first **motor oil** specifications were issued in 1995, marked as ACEA European Oil Sequencies 1996. The specifications define minimal motor oil quality levels for the service filling of gasoline engines, light duty diesel engines (passenger vehicles) and heavy diesel vehicles (commercial vehicles). The ACEA specifications require that all the results of oil performance engine testing obtained be in keeping with the European Engine Lubricants Quality Management System (EELQMS). After 1996, new editions of the ACEA specification followed in 1998 and 1999. The latest ACEA 2002 specifications draft was published in September 2001. From the viewpoint of motor oil manufacturers, the ACEA specifications have brought considerable changes into motor oil development by strictly defining test procedures for changing either base oil or viscosity index in the motor oil formulation.

DESCRIPTORS: Vehicle design; Light vehicles; Heavy lift shipping; Diesel engines; Passenger vehicles; Commercial vehicles; Specifications; Europe

SUBJECT HEADING: H34 GENERAL MATERIALS

6/5/9 (Item 1 from file: 81)

DIALOG(R) File 81:MIRA - Motor Industry Research  
(c) 2004 MIRA Ltd. All rts. reserv.

67879

Automotive Technology International '90  
Sterling Publications  
February 1, 1990  
Collation : (536 p, figs, refs)

Document Type: JOURNAL Language: ENGLISH  
Record Type: ABSTRACT  
Supplier Record Type: AA

Contents: The Automotive Symbion, RG Bertodo; Better Platform Utilisation: Europe After 1992, AP Waters; The Compleat Contractor: Today's Responsible Supplier, D Hawes; Essence and Lucerne: Buick's Visions of the Future, GL Witzenburg; Future Personal Ground Transportation WG Agnew; Thermoplastic Exterior Body Panels, JL Kapp; High Performance Composites for the Automotive Industry, L Dodyk; RPMER Composites in Moveable Body Parts, F Cornacchia; Advances in SMC Technology through Urethane Chemistry, KE Atkins, GC Rex, CG Reid, RL Seats and RC Gandy; RIM Polyurea for Improved Fascia Productivity, ME Cekoric and F Sanns; A New Generation of Materials, RE Camargo, DA Bityh and TA Amato; A Threadforming Screw for Plastics, SP Weitzel; The Mixing and Dispensing of Two-Part Adhesives, WA Lees; Cure Process and Chemistry of Thermosetting Adhesives, RT Meyhew; Reactive Melt Adhesives for Automotive Use, M Woodward and M Byrne; Sunroof Systems for the Future, A Fuerst; Custom Tailored Parts from Reinforced Thermoplastics, B Ederle and H Hahn; A Spiral-Lock for Threaded Fasteners, HD Holmes; A Novel Joining Method for Composites, LN Grogan; Developing a Door System Mechanism Carrier Module, CR Plumb; Development of Automotive Paint Film, B Johnson; Improving Surface Properties for Automotive Applications, F Forcucci and N Pasquini; Plastic Design for an Advanced Instrument Panel Module, R Florence; Flame-Retardant Silicone Foam for Automotive Applications, JS Sharland; Speed-Dependent Damping for the Cadillac Allante, RJ Reuter; Developing a Multi-Link Suspension, Y Tsukuda; Central Hydraulic Systems in Automotive Engineering, G Overdiek; Advances in Speed, Position and Motion Sensors, RE Riley and RF Wells; Advanced Sensing and Switching Techniques, J-P Floquet; Valeo Z4470: A New Generation of Oil Friction Materials, D Benoit and D Menard; Precision Plus: A New Dimension

in Precision, RL Phillipbar; Basic Car Tyre Development Principles, G Rimondi; Simultaneous Engineering - QUAD 4 Programme, DL Miles; Turbocharging Automotive Diesel Engines, FW Lohr; Engine Power Output and Low Exhaust Emission, U Seiffert; Boosted Engine Development and the QUAD 4 Engine, AR Frelund; Exhaust Gas System: Concepts for SI Engines, P Bessing; The Pressure Wave Supercharged Diesel Engine, M Hitomi, Y Yuzuriha and K Tanaka; Reducing Noise and Vibration in the Rotary Engine, T Kita, T Tadokoro and N Kurio; The Flexible Fuel Vehicle: The Bridge to Methanol, RJ Nichols; Reducing Fuel Consumption and Exhaust Gas Pollutants, P Ziegler and A Konigstein; Drive Systems to Protect the Environment, HH Braess, K-N Regar and W Strobl; Environmental Protection - The **Designer's** Role, U Jansson; **Engine Oils** and the Efficiency of Exhaust Catalysts, GB Toft; Designing and Developing a Horizontally Opposed Engine, M Kodama, T Yamada and S Sawafuji; Advances in Diesel Engine Management, C Jones; Splitter Fin Products for OEMs and Aftermarkets, H Vogelaar; The Automotive Lubricant of the Future, H Winkler; Continuously Variable Chain Transmission in Cars, O Dittrich and H Simon; Removing Clutch Pedals in Cars with Mechanical Gearboxes, P Svenke; An Automotive Fibre Optic Connection System, DA Messuri, GD Miller and RE Steel; Vehicle Multiplexing Strategies, FOR Miesterfeld; Smart Power for Vehicle Multiplexing, RR Basson; Reconfigurable Displays Used as Primary Automotive Instrumentation, KM Corsi and WJ Sattler; The Bendix ABS Underhood Electronic Control Unit, JL Cage; All-Wheel-Drive Coupling Under Electronic Control; H Lanzer and O Peier; Electromagnetic Compatibility in Motor Vehicles, H Neu; Automotive Discharge Headlights: A New Light, HL Rothwell, GJ English; NEC's VNS High-Precision Navigations System, O ONO; Photovoltaic Hot Air Purge Systems, P Aschenbrenner; Automotive Trauma: Occupant Protection Technology, DC Viano; Chrysler Millenium: Safety Research Car, T Gale; Recaro-Vent: The Seat with Active Conditioning, H Bollinger; The Quantative Effect of Age on Injury Outcome, JA Pike; European Concepts for Safety, Communication and Guidance, P Walzer and W Zimdahl; Design of Vehicle Networks for Testability, K Scott; Putting Cars to the Test, TW Minett; In-Process Measurement of Outside Diameters on Grinders, GC Olivei; Simulation of Dynamic Behaviour of a 4WS Vehicle, T Landreau; Theoretical and Experimental Optimisation of Internal Flow, J Wiedemann; The Way was Long, the Wind was Cold, HJM van den Hemel, RE Schuurman, JBJ Riemersma, GJ Blaauw; Introduction to the ANSYS Program, M Brahney; CAE in the Engineering of the 1990s, FG Willis; Finite Element Modelling for a Crash Attenuation System, D Beaudry, G Watson and PB Hertz; Training in Geometric Dimensioning and Tolerancing, DP Karl; Advancing Product Reliability, J Harsa; The Modified Production Car, JRW Mansfield; Development of the New Ford Fiesta, CR Ennos; The Introduction of CIM within Jaguar, AD Walton; Robotic Laser Welding Systems, FA DiPietro; Sensor-Controlled Arc Welding, A Lindqvist; Robotic Dispensing Systems for Automotive Application, DC Bloomfield; Robotic Application Software for Adhesives KL Schmidt; Adhesive Selection Using the PAL Computer Program, WA Lees; A Machine Vision Technique for Surface Process Control, WJ Pastorius; Low Cost Tools for Low Volume Production, G Gaullier; A Computer Integrated Flexible Robotic Resistance Welding Cell, DJ Cecil and WE Mumford; Highlights of Periphery - Sensors for Automation, R Brinker-Reichl; Tool Identification Systems Based on Radio, B Travis; The SE-Drill Has the Cutting Edge, F Tikal; Aluminium Cylinder Blocks, B Hughes; Advances in Zinc Die-Casting Techniques, L Hatfield; Reduction of Organic Solvent Emission, H Lannefors and J-M Eneroth; Statistics Improve the Quality of Metalworking Production, A Frati; The LK Twin Column CMM; Compression Moulding with STC, RM Burkhart; List of Advertisers. (MSR)

Section Name : Vehicles, Design and Performance  
Subject Heading: Vehicle Design and Performance - General

6/5/10 (Item 1 from file: 96)

DIALOG(R)File 96:FLUIDEX  
(c) 2004 Elsevier Science Ltd. All rts. reserv.

00162812 FLUIDEX NO: 0169523 SUBFILE: T

**What does the engine designer need to know about engine oils ?**  
In: Fuels and Lubricants for Internal Combustion Engines, Papers Presented  
at Lecture Series of SAE Detroit Section Junior Activity,  
(Detroit, U.S.A.: Mar. 1982), Warrendale, U.S.A., Soc. Automot.  
Engrs, Inc., Nov. 1982, p.39-49, (SAE/SP-82-531) (ISBN  
8-89883-302-7), 1982

REPORT NUMBER: SAE/SP-82-531  
DOCUMENT AVAILABLE: YES  
ISBN: 8 89883 302 7  
PUBLISHER: Soc. Automot.Engrs, Inc  
RECORD TYPE: ABSTRACT  
LANGUAGES: English

The functions of engine oil are reviewed. The chemistry of engine oil additives and synthetics is described in terms for the non-chemist. The latest SAE engine oil viscosity classifications and API service designations are detailed. Developments underway to upgrade engine oil quality are discussed. (A)

CLASSIFICATION CODE(S) AND DESCRIPTION: 78 (FLUID ABSTRACTS: PROCESS ENGINEERING)

6/5/11 (Item 2 from file: 96)

DIALOG(R)File 96:FLUIDEX  
(c) 2004 Elsevier Science Ltd. All rts. reserv.

00150897 FLUIDEX NO: 0157608 SUBFILE: X

**What does the engine designer need to know about engine oils ?**  
AUTHOR(S): Siefloff F.X.; Musser J.L.  
In: Fuels and Lubricants for Internal Combustion Engines, Warrendale,  
U.S.A., Soc. Automot. Engrs. Inc., Nov. 1982, Paper no. 821571,  
p.39-49. (SP-531) (Junior Activity Lecture Ser.) (ISBN  
0-89883-302-7), 1982

DOCUMENT AVAILABLE: YES  
ISBN: 0 89883 302 7  
PUBLISHER: Soc. Automot. Engrs. Inc  
RECORD TYPE: ABSTRACT  
LANGUAGES: English

The functions of engine oil are reviewed. The chemistry of engine oil additives and synthetics is described in terms for the non-chemist. The latest SAE engine oil viscosity classifications and API service designations are detailed. Developments underway to upgrade engine oil quality are discussed. (A)

CLASSIFICATION CODE(S) AND DESCRIPTION: 78 (FLUID ABSTRACTS: PROCESS ENGINEERING)

12/5/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

2700383 Supplier Number: 02700383 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Telco, LML, Apollo Tyres tie up with Castrol  
(Castrol India, lubricants firm, becomes OEM supplier of lubricants for  
Telco's LCVs and HCVs in the diesel oil category; Castrol brand is  
'recommended lubricant' for LML two-wheelers; purchasers of Apollo tyres  
will earn points redeemable against Castrol products)  
Business Line, p 4  
January 27, 2000  
DOCUMENT TYPE: Journal ISSN: 0971-7528 (India)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 351

TEXT:

Our Bureau NEW DELHI, Jan. 26 TELCO and LML have tied up with Castrol India Ltd (CIL), marketer of specialised lubricants and lubrication services, for sourcing customised lubricants for various vehicles manufactured by these companies. The tie-up is initially valid for a period of three to five years. As per the terms of the tie-up, CIL will act as an OEM supplier of two new lubes - Castrol GTX and GTD Indica - for Tata Indica's petrol and diesel versions. These new lubes will be available across the country from February 1. This apart, 'Castrol RX Supermax' will be manufactured and marketed by CIL for Telco's HCVs and LCVs that fall under the diesel engine oils category, from March 1. Castrol will also become the 'recommended lubricant' for LML's entire range of two-wheelers. An announcement to this effect was made by Mr. Naveen Kshatriya, Director - Consumer Division, CIL, at a news conference here on Tuesday. 'The alliances will provide consumers unmatched double benefits of not just high performance Castrol lubes, but also a Castrol brand that is customised to their vehicles' specific lubrication needs. The consumers will also get benefited by way of improved fuel consumption and better vehicular performance thus resulting in significant cost savings,' he said.

With 200 distributors and 70,000 retail outlets, Castrol already has a market penetration of around 80 per cent. These alliances will multiply its reach further through the extensive network of the two Indian automobile majors, Mr. Kshatriya said.

CIL has also signed a innovative marketing alliance with Apollo Tyres as a co-partner of its 'super value programme' for consumers. Under this arrangement, Apollo Tyres consumers will be awarded points that will translate into rewards on purchase of Castrol brands available at Apollo Tyres shops. Castrol aims at extending this programme across Apollo's nationwide network of 2,500 outlets by end-2000. Castrol already supplies a complete range of lubricants and support services for all categories of vehicles including cars, two-wheelers, trucks and tractors. The company's consumer business contributes close to 75 per cent of the volume and 85 per cent of the total sales.

Copyright 2000 The Hindu Business Line

COMPANY NAMES: APOLLO TYRES LTD; CASTROL INDIA LTD (BURMAH CASTROL); LML LTD; TATA ENGINEERING & LOCOMOTIVE CO  
PRODUCT NAMES: Lubricating oils and greases (299200); Tires (301027)  
CONCEPT TERMS: All company; All market information; All product and service information; Joint venture; Marketing campaign; Market share; Number outlets; Product introduction

MARKETING TERMS: All product marketing; Distribution channels; Loyalty  
GEOGRAPHIC NAMES: India (IND); Southern & Eastern Asia (SSAX)

12/5/2 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01813470 04-64461

\*\*USE FORMAT 9 FOR FULL TEXT\*\*

**Recording oil's vital signs**

DeGaspari, John

Mechanical Engineering v121n5 PP: 54-56 May 1999 CODEN: MEENAH ISSN:  
0025-6501 JRNL CODE: MEG

DOC TYPE: Journal article LANGUAGE: English LENGTH: 3 Pages

WORD COUNT: 1866

ABSTRACT: A number of efforts are aimed at developing on-board systems to measure oil quality in real time or, at least, to base predictions on specific, observable conditions. A reliable means of monitoring the condition of engine oil will permit a new kind of just-in-time maintenance, and that could save millions of quarts of oil a year. The bottom line when scheduling oil changes is to achieve the full design service life of the engine, according to Larry Bendele, director of the Engine Lubricants Research Department at Southwest Research Institute. An effective schedule has to call for maintenance before signs of engine wear occur. A combined approach of monitoring driving conditions and using sensors has been taken by DaimlerChrysler of Stuttgart, Germany. The company has developed a passenger car maintenance system, called Assyst, for Mercedes-Benz vehicles.

**COMPANY NAMES:**

Southwest Research Institute (DUNS:00-793-6842)

GEOGRAPHIC NAMES: US; Germany

DESCRIPTORS: Sensors; Automobiles; Preventive maintenance; Oil

CLASSIFICATION CODES: 5240 (CN=Software & systems); 9175 (CN=Western Europe); 9190 (CN=United States); 5130 (CN=Maintenance); 8680 (CN=Transportation equipment industry)

12/5/3 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00856123 95-05515

\*\*USE FORMAT 9 FOR FULL TEXT\*\*

**Lubrication: The engine's needs**

Birkland, Carol

Fleet Equipment v20n4 PP: 44-47 Apr 1994 ISSN: 0747-2544 JRNL CODE:  
FEQ

DOC TYPE: Journal article LANGUAGE: English LENGTH: 4 Pages

WORD COUNT: 1576

ABSTRACT: According to Don Carver, chief of engineering and director of oil business for the Cummins Engine Co., engines have a certain maintenance interval capability based on the function of the chemical additives in lubricants. The purpose of the lubricant, with its specially formulated additive package, is to keep wear metals and other contamination in harmless molecular suspension so it does not increase engine wear and deposits and shorten engine life. Larger amounts of the correct additives



result in improved oil capacity. It is imperative for good engine performance that fleets maintain maintenance intervals within the capability of the oil. If drain intervals exceed those that are recommended, fleets run the risk of accelerating wear and increasing deposits. Cummins recommends a drain interval of 10,000 miles, 250 hours, or 6 months, whichever comes first.

GEOGRAPHIC NAMES: US

DESCRIPTORS: Trucks; Motor vehicle fleets; Repair & maintenance; Oil; Lubricants; Recommendations

CLASSIFICATION CODES: 8350 (CN=Transportation industry); 5130 (CN=Maintenance); 9190 (CN=United States)

12/5/4 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07757702 Supplier Number: 64836127 (USE FORMAT 7 FOR FULLTEXT)

**BWW 330 Ci.**

Bidrawn, Les

European Car, v31, n9, p62

Sept, 2000

ISSN: 1056-8476

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1470

PUBLISHER NAME: McMullen Argus Publishing, Inc

COMPANY NAMES: \*Bayerische Motoren Werke AG

GEOGRAPHIC NAMES: \*4EUGE (Germany)

PRODUCT NAMES: \*3710000 (Motor Vehicles & Parts)

INDUSTRY NAMES: AUTO (Automotive); TRAN (Transportation, Distribution and Purchasing)

SIC CODES: 3710 (Motor Vehicles and Equipment)

NAICS CODES: 336 (Transportation Equipment Manufacturing)

SPECIAL FEATURES: INDUSTRY; COMPANY

12/5/5 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06198007 Supplier Number: 54127656 (USE FORMAT 7 FOR FULLTEXT)

**Fakespace Announces a New Large-Scale Display System for Group Collaboration And Design Applications.**

PR Newswire, p6969

March 17, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 822

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: \*Fakespace Inc.

GEOGRAPHIC NAMES: \*1USA (United States)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SPECIAL FEATURES: COMPANY

12/5/6 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05921361 Supplier Number: 53156301 (USE FORMAT 7 FOR FULLTEXT)  
**The GM Oil-Life System to Allow GM Vehicle Owners To Reduce Waste Oil by up to 40 Million Quarts Annually.**  
PR Newswire, p4309  
Nov 2, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1360  
PUBLISHER NAME: PR Newswire Association, Inc.  
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

12/5/7 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

04488486 Supplier Number: 46588799 (USE FORMAT 7 FOR FULLTEXT)  
**Maturity Stifles Growth**  
Glass, p326  
August, 1996  
ISSN: 0017-0984  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 587  
PUBLISHER NAME: FMJ International Publications Ltd.  
EVENT NAMES: \*600 (Market information - general)  
GEOGRAPHIC NAMES: \*1USA (United States)  
PRODUCT NAMES: \*3231881 (Tempered Auto Glass Fabrication)  
INDUSTRY NAMES: BUSN (Any type of business); CNST (Construction and Materials); INTL (Business, International)  
NAICS CODES: 327215 (Glass Product Manufacturing Made of Purchased Glass)

12/5/8 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01729295 Supplier Number: 42161205 (USE FORMAT 7 FOR FULLTEXT)  
**Radical Automotive Engine Design**  
Inside R&D, v20, n25, pN/A  
June 19, 1991  
ISSN: 0300-757X  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 321  
PUBLISHER NAME: Technical Insights, Inc.  
EVENT NAMES: \*330 (Product information)  
GEOGRAPHIC NAMES: \*4EUUK (United Kingdom)  
PRODUCT NAMES: \*3714111 (Motor Vehicle Gasoline Engines)  
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)  
NAICS CODES: 336312 (Gasoline Engine and Engine Parts Manufacturing)

12/5/9 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

12394141 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Obituary: Owen Maddock**  
INDEPENDENT

August 15, 2000

JOURNAL CODE: FIND LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1064

OWEN MADDOCK'S name is familiar to all classic motor-racing enthusiasts. The Formula 1 Cooper-Climax cars which he designed were not only the first rear-engined contenders ever to win a Formula 1 World Championship-qualifying Grand Prix, they were also the first ever to win the World Championship titles - taking back-to-back F1 Constructors' crowns in both 1959 and 1960. In those two seasons, these cars carried Jack Brabham to the first two of his three World Champion Driver titles, and also provided his youthful team-mate, the New Zealander Bruce McLaren, with the first two Grand Prix wins of his glittering career.

The Cooper cars Maddock designed during his 15 years as de facto "chief designer" (they were not strong on titles) of Britain's Cooper Car Company were in effect co-productions between himself, the father-and-son company founders Charles and John Cooper and, later, their number one driver, Jack Brabham.

Copyright 2000 The Independent. Source: World Reporter (Trade Mark) - FT McCarthy.

DESCRIPTORS: New Products & Services; Marketing; Company News; Sports;  
General News; Deaths  
COUNTRY NAMES/CODES: United Kingdom (GB) ; New Zealand (NZ)  
REGIONS: Europe; European Union; Western Europe; Australasia; Pacific  
Rim

12/5/10 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

09850372 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Saudis long for days of bonanza: Economy Rise in prices lifts hopes of a  
fiscal turnaround**

LEILA SHORBAGI IN JEDDAH

GUARDIAN

March 02, 2000

JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 764

Leila Shorbagi in Jeddah

The foliage and fountains decorating the marble foyer of a state hospital in Jeddah typify the elaborate architecture of the carefree years of Saudi Arabia's oil boom from the mid-1970s to the mid-1980s.

Copyright 1999 The Guardian. Source: World Reporter (Trade Mark) - FT McCarthy.

DESCRIPTORS: Prices; Company News; Economic News; Facilities &  
Equipment  
COUNTRY NAMES/CODES: Saudi Arabia (SA)  
REGIONS: Arabian States; Gulf States; Middle East  
SIC CODES/DESCRIPTIONS: 8062 (General Medical & Surgical Hospitals)  
NAICS CODES/DESCRIPTIONS: 62211 (General Medical & Surgical Hospitals)

12/5/11 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

09300668 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**India: Telco, LML, Apollo Tyres tie up with Castrol**

BUSINESS LINE

January 27, 2000

JOURNAL CODE: FBLN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 351

Our Bureau

NEW DELHI, Jan. 26

Copyright 1999 Kasturi & Sons Ltd (KSL). Source: World Reporter (Trade Mark) - Asia Intelligence Wire.

COMPANY NAMES: LML Ltd; Castrol India Ltd

DESCRIPTORS: Marketing; Company News; Joint Ventures; Strategy

COUNTRY NAMES/CODES: India (IN)

REGIONS: Asia; South Asia

SIC CODES/DESCRIPTIONS: 2992 (Lubricating Oils & Greases)

NAICS CODES/DESCRIPTIONS: 324191 (Petroleum Lubricating Oil & Grease Mfg)

12/5/12 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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03757793 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Business: The morning after: Lessons from Diageo: Why the world's biggest alcoholic-drink merger has failed to fizz**

SECTION TITLE: Business

ECONOMIST

December 12, 1998

JOURNAL CODE: FECN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1293

A YEAR ago, with much clinking of whisky and vodka glasses, the drinks business bade farewell to two of its most illustrious names-Guinness and Grand Metropolitan-and celebrated the birth of Diageo. This new British cocktail was laced with superlatives: it owned the world's best-selling whisky (Johnnie Walker), gin (Gordon's), vodka (Smirnoff) and liqueur (Baileys)-not to mention a hamper full of leading food and drink brands, including Pillsbury, Haagen-Dazs and Burger King. Oh, and Guinness, of course.

One year on, the hangover has set in. The solid growth or the superior profitability that one might expect from such a powerful firm has not materialised. In the past year, sales have subsided by 7% to Pounds 12 billion (Dollars 20 billion); net profits have fallen 4% to Pounds 1.3 billion. Even by its own chosen yardstick-economic value-added (EVA)-the company produced economic profit (which takes account of the cost of capital) of a mere Pounds 80m on a capital base of Pounds 9.1 billion. Unsurprisingly, the group's share price has barely kept pace with the London stockmarket.

Copyright 1998 The Economist Source: World Reporter (Trade Mark) - FT McCarthy.

COMPANY NAMES: Diageo PLC

DESCRIPTORS: Mergers & Acquisitions; Company News; Comment & Analysis; Market News

COUNTRY NAMES/CODES: United Kingdom (GB)

REGIONS: Europe; European Union; Western Europe

SIC CODES/DESCRIPTIONS: 2085 (Distilled & Blended Liquors); 5812 (Eating

Places); 2080 (Beverages)

**12/5/13 (Item 5 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

03373977 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Chicago Tribune Automotive Notebook Column**

Jim Mateja, Chicago Tribune

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (CHICAGO TRIBUNE)

November 08, 1998

JOURNAL CODE: KCTR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1253

Knight Ridder/Tribune Business News

Nov. 8--LAS VEGAS--GM STRUTS ITS FUTURE STUFF AT SEMA: General Motors plans to equip nearly all of its vehicles with an oil-life monitoring system in the next five years to take the guesswork out of when motorists should change a vehicle's lifeblood.

Copyright 1998 Knight-Ridder/Tribune Business News. Source: World Reporter (Trade Mark) - Knight-Ridder Tribune Business News.

COMPANY NAMES: General Motors Corp

DESCRIPTORS: Comment & Analysis; Market News; New Products & Services; Marketing; Company News

COUNTRY NAMES/CODES: United States of America (US)

REGIONS: Americas; North America; Pacific Rim

SIC CODES/DESCRIPTIONS: 3711 (Motor vehicles & Car Bodies)

**12/5/14 (Item 1 from file: 31)**

DIALOG(R)File 31:World Surface Coatings Abs  
(c) 2004 PRA Coat. Tech. Cen. All rts. reserv.

00407090 WSCA ABSTRACT NUMBER: 87-04707 WSCA ID NUMBER: 244707

**Applying designs to auto exteriors.**

PATENT ASSIGNEE: CUSTON AUTO EXTERIORS;

PATENT INFORMATION: United States Patent : Off. Gaz. 1987, Vol 1074 No 1, 387.

PATENT (NUMBER,DATE): US 4634607 19870000

PUBLICATION YEAR: 1987

JOURNAL ANNOUNCEMENT: 8706 WSCA UPDATE CODE: 8704

DOCUMENT TYPE: Patent LANGUAGE: English

SECTION (CODE,HEADING): 50 Pretreatment and Application

ABSTRACT: The designs are obtained by applying a precut mask made of polyvinyl chloride sheet coated with a rubber-based adhesive and brushing a heavily pigmented enamel having a high concn. of drying oils on to the mask.

DESCRIPTORS: Vehicles, Motor; Masking; Drying Oils

CHEMICAL NAMES: DRYING OIL

IDENTIFIERS: Vehicles, Motor-- customisation, masks/compsns; Masking-- vehicles (motor) customisation; Drying Oils -- coatings, vehicles (motor) customisation

ADDITIONAL TERMS (IDENTIFIERS): customisation; motor vehicle

**12/5/15 (Item 1 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

05500632 SUPPLIER NUMBER: 58061591 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Educational Vehicle. (Brief Article)**  
Truck Fleet Management, 77, 11, 6  
Nov, 1999  
DOCUMENT TYPE: Brief Article ISSN: 1090-1507 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 298 LINE COUNT: 00028

COMPANY NAMES: Chevron Global Lubricants--Marketing  
DESCRIPTORS: Lubricants industry--Marketing  
GEOGRAPHIC CODES/NAMES: 1USA United States

12/5/16 (Item 2 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

05296759 SUPPLIER NUMBER: 53530087 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**THIS WON'T BE VERY POPULAR WITH JIFFY LUBE...**  
Motor Trend, 51, 2, 116(1)  
Feb, 1999  
ISSN: 0027-2094 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 252 LINE COUNT: 00022

FILE SEGMENT: MI File 47

12/5/17 (Item 3 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

03464989 SUPPLIER NUMBER: 08879946 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**When it's time for a change. (franchise finds)**  
Executive Female, v13, n5, p72(1)  
Sept-Oct, 1990  
ISSN: 0199-2880 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 767 LINE COUNT: 00058

COMPANY NAMES: Oil Express National Inc.--Management; LubePro's  
International Inc.--Management; VehiCare Franchising Corp.--Management  
DESCRIPTORS: New business enterprises--Management  
SIC CODES: 7549 Automotive services, not elsewhere classified  
FILE SEGMENT: MI File 47

12/5/18 (Item 1 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2004 The Gale Group. All rts. reserv.

05100811 SUPPLIER NUMBER: 54542302  
**GM to equip lineup with oil-life system.**  
Jost, Kevin  
Automotive Engineering International, 106, 4, 41(1)  
April, 1999  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 378 LINE COUNT: 00032

FILE SEGMENT: TI File 148

12/5/19 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

1210459 H.W. WILSON RECORD NUMBER: BAST95005838

**Laser points to cleaner emissions**

Stuckey, Sue;

The Engineer (London, England) v. 279 (Nov. 24 '94) p. 22

DOCUMENT TYPE: Feature Article ISSN: 0013-7758 LANGUAGE: English

RECORD STATUS: New record

ABSTRACT: Copper-vapor laser technology is being commercialized by Oxford Lasers for use by **designers** to study the way that **oil** burns in a **car** cylinder in order to determine engine efficiency. Leading diesel-engine developer Daimler-Benz has already used the equipment to design the first of a series of low-emission diesel engines. This development comes at a time of fresh debate on the environmental impact of diesel engines, which are being promoted as clean machines with 40 percent better fuel economy than similarly sized petrol engines.

DESCRIPTORS: Automobile engines--Combustion; High speed photography;  
Copper vapor lasers--Industrial applications;

?

6/3,K/1 (Item 1 from file: 5)  
DIALOG(R)File 5:BIOSIS Previews(R)  
(c) 2004 BIOSIS. All rts. reserv.

0013113350 BIOSIS NO.: 200100285189  
**Osmotic delivery system and method for enhancing start-up and performance of osmotic delivery systems**  
AUTHOR: Dionne Keith E (Reprint); Lautenbach Scott D  
AUTHOR ADDRESS: Cambridge, MA, USA\*\*USA  
JOURNAL: Official Gazette of the United States Patent and Trademark Office  
Patents 1239 (3): Oct. 17, 2000 2000  
MEDIUM: e-file  
PATENT NUMBER: US 6132420 PATENT DATE GRANTED: October 17, 2000 20001017  
PATENT CLASSIFICATION: 604-8921 PATENT ASSIGNEE: Alza Corporation  
PATENT COUNTRY: USA  
ISSN: 0098-1133  
DOCUMENT TYPE: Patent  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: the release of a beneficial agent. The osmotic delivery system includes a liquid or gel **additive** surrounding the osmotic agent for **enhancing** start-up and **lubricating** the osmotic agent. The liquid or gel additive is an incompressible lubricating fluid which fills...

6/3,K/2 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

2011772 NTIS Accession Number: N19970010386  
**Evaluation of Boundary-Enhancement Additives for Perfluoropolyethers**  
Shogrin, B. A. ; Jones, W. R. ; Herrera-Fierro, P. ; Lin, T. Y. ; Kawa, H.  
National Aeronautics and Space Administration, Cleveland, OH. Lewis Research Center.  
Corp. Source Codes: 019039001; ND315753  
Report No.: NAS 1.15:107393; E-10594; NASA-TM-107393  
Dec 96 24p  
Languages: English  
Journal Announcement: GRAI9719; STAR3504  
Presented at 1997 Tribology Conference, London, United Kingdom, 8-12 Sep. 1997. Society of Tribologists and Lubrication Engineers.  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.  
NTIS Prices: PC A03/MF A01

Six additives were synthesized and evaluated as boundary **lubrication enhancers** for perfluoropolyethers. These **additives** included a phosphonate, a thiophosphonate, a beta-diketone, a benzothiazole, an amide and a sulfite...

6/3,K/3 (Item 2 from file: 6)  
DIALOG(R)File 6:NTIS  
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1718288 NTIS Accession Number: AD-A261 041/8

**Macromolecules for Inhibition of Corrosion and Wear**

(Progress rept)

Conte, A. A. ; Agarwala, V. S.

Naval Air Warfare Center Aircraft Div., Warminster, PA.

Corp. Source Codes: 104166000; 424688

Report No.: NAWCADWAR-92112-60

14 Dec 92 30p

Languages: English

Journal Announcement: GRAI9312

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

...stainless steel miniature bearings. The results have shown that Schiff base compounds can be good **additives** for **greases** as they **enhance** wear life of bearings and inhibit corrosion by at least an order of magnitude. Although...

6/3,K/4 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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0705197 NTIS Accession Number: AD-A054 741/4/XAB

**Synergistic Mechanisms of Solid Lubricants**

(Final technical rept. 1 Apr 76-30 Sep 77)

Harmer, R. S. ; Pantano, C. G.

Dayton Univ Ohio Research Inst

Corp. Source Codes: 105400

Report No.: UDRI-TR-77-27; AFML-TR-77-227

Dec 77 58p

Journal Announcement: GRAI7818

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A04/MF A01

... of non-lubricant phases is reviewed. Research directed toward identification of mechanisms by which Sb<sub>2</sub>O<sub>3</sub> **additives** **enhance** MoS<sub>2</sub> **lubrication** is described. Chemical, mechanical, and tribochemical reactions are investigated. Preliminary data indicates Sb<sub>2</sub>O<sub>3</sub> alters the...

6/3,K/5 (Item 1 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

05812245 E.I. No: EIP01205558751

**Title: Performance and emissions of DI compression ignition engines fueled with dimethyl ether (Performance and emissions in retrofitted engines)**

Author: Chen, Z.; Konno, M.; Kajitani, S.

Corporate Source: Ibaraki Univ, Hitachi, Japan

Source: JSME International Journal, Series B: Fluids and Thermal Engineering v 43 n 1 2000. p 82-88\*

Publication Year: 2000

CODEN: JSFPET ISSN: 1340-8054  
Language: English

...Abstract: the conventional diesel fuel. Results from the present work include: (1) It was necessary to **add** a small amount of **lubricating additives** to DME in order to achieve satisfactory engine operation, to minimize excessive wear in the...

6/3,K/6 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2004 Inst for Sci. Info. All rts. reserv.

05877160 Genuine Article#: XD737 No. References: 18  
**Title: Effect of processing additives on carbon black dispersion and grip property of high-performance tire tread compound**  
Author(s): Takino H (REPRINT) ; Iwama S; Yamada Y; Kohjiya S  
Corporate Source: TOYO TIRE & RUBBER CO LTD,CTR RES & DEV, 5-7  
NISHICHUJO/IBARAKI/OSAKA 567/JAPAN/ (REPRINT); KYOTO UNIV,INST CHEM  
RES/UJI/KYOTO 611/JAPAN/  
Journal: RUBBER CHEMISTRY AND TECHNOLOGY, 1997, V70, N1 (MAR-APR), P15-24  
ISSN: 0035-9475 Publication date: 19970300  
Publisher: AMER CHEMICAL SOC INC, RUBBER DIV UNIV AKRON PO BOX 499, AKRON,  
OH 44309-0499  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: for processing additives in order to improve carbon black dispersion. The function of the processing **additive** was thought to **enhance** the surface **lubrication** of carbon black for disagglomeration in the early steps of mixing. The dry grip properties...

6/3,K/7 (Item 1 from file: 81)  
DIALOG(R)File 81:MIRA - Motor Industry Research  
(c) 2004 MIRA Ltd. All rts. reserv.

122119  
**Possibilities and Problems of Diesel Engine Operated with DME**  
KAJITANI S; NAKAYAMA M  
JSAE of Japan, Vol 52, No 7, 1998  
July 1, 1998  
Page : 49  
Collation : (7 p, 18 fig, 11 ref)

Document Type: JOURNAL Language: JAPANESE  
Record Type: ABSTRACT  
Supplier Record Type: AA

...obtained by using diesel fuel. Findings from the present work include: It was necessary to **add** a small amount of **lubricating additives** to DME. Engine performance for both fuels was basically comparable to each other. In the...  
?

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      (c) format only 2004 The Dialog Corporation  
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      (c) 2004 NTIS, Intl Cpyrght All Rights Res  
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      (c) 2004 Inst for Sci Info  
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      (c) 2004 The Gale Group  
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      (c) 2002 Amer.Meteorological Soc.  
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      (c) 2004 Aristarchus Knowledge Indus.  
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      (c) 2004 PRA Coat. Tech. Cen.  
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      (c) 2004 Inst for Sci Info  
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      (c) 2004 ABC CLIO Inc.  
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File 52:TSCA Chemical Substances Inventory 2003/OCT,  
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File 73:EMBASE 1974-2004/Nov W4  
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File 74:Int.Pharm.Abs 1970-2004/Nov B2  
(c) 2004 Amer.Soc.of Health-Sys.Pharm.

File 75:TGG Management Contents(R) 86-2004/Nov W2  
(c) 2004 The Gale Group

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(c) 2000 IFI/CLAIMS(r)

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File 91:MANTIS(TM) 1880-2004/Nov  
2001 (c) Action Potential

File 92:IHS Intl.Stds.& Specs. 1999/Nov  
(c) 1999 Information Handling Services

Set	Items	Description
S1	4358945	(MOTOR OR ENGINE? ?) ( )OIL? ? OR LUBRICAT? OR OIL OR OILS OR

GREASE?

S2	15715	S1(5N)SYNTHETIC? ?
S3	483	S2(5N)(AUTO OR AUTOS OR AUTOMOBILE? OR VEHICLE? OR AUTOMOT- IVE? OR FLEET? ? OR MOTOR()VEHICLE? OR CAR OR CARS OR LORRY OR LORRIES)
S4	341	S3 NOT PY>2000
S5	279	RD (unique items)
S6	7	S5 NOT OIL? ?

6/3,K/1 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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01277605 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
E.Q.U.I.P. International Inc.  
ROD MCQUEEN  
FINANCIAL POST, p23  
December 13, 1997  
JOURNAL CODE: FFP LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 424

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... of them for the pulp and paper industry. They include water purifiers and sludge removers, **synthetic greases** and lubricants for mining and **automotive** as well as alkaline cleaners for the aluminum industry.

Clients include Domtar Inc., Avenor Inc...

6/3,K/2 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

05417110 SUPPLIER NUMBER: 55404997 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**CARCARE...**  
Motor Trend, 51, 9, 207  
Sept, 1999  
ISSN: 0027-2094 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1141 LINE COUNT: 00093

... of course, towing and racing can create situations never intended by the manufacturer of the **vehicle** or the typical **lubrication** manufacturer. **Synthetic** lubricants provide some additional protection from increased lubrication temperatures. But like so many things, once...

6/3,K/3 (Item 1 from file: 92)  
DIALOG(R)File 92:IHS Intl.Stds.& Specs.  
(c) 1999 Information Handling Services. All rts. reserv.

00343457  
**()Grease, Heavy Synthetic Damping**  
DOCUMENT NUMBER: 9986170  
ISSUING ORGANIZATION: GM - General Motors Corp  
DOCUMENT TYPE: United States of America;North America (NAFTA Countries)  
YEAR: 1998 00002 PAGES LANGUAGE: ENGLISH

...DESCRIPTORS: **Automotive ; Greases: Synthetic --**

6/3,K/4 (Item 2 from file: 92)  
DIALOG(R)File 92:IHS Intl.Stds.& Specs.  
(c) 1999 Information Handling Services. All rts. reserv.

00333187  
**GREASE, SYNTHETIC - POLYESTER BASE - INORGANIC THICKENER**  
DOCUMENT NUMBER: ESP-M1C204-B  
ISSUING ORGANIZATION: FORD - Ford Motor Company

DOCUMENT TYPE: United States of America;North America (NAFTA Countries)  
YEAR: 1984 00002 PAGES LANGUAGE: ENGLISH

...DESCRIPTORS: Automotive ; Greases: Synthetic --

6/3,K/5 (Item 3 from file: 92)  
DIALOG(R)File 92:IHS Intl.Stds.& Specs.  
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00333063

**GREASE, SYNTHETIC - HIGH TEMPERATURE**

DOCUMENT NUMBER: ESB-M1C161-B.

ISSUING ORGANIZATION: FORD - Ford Motor Company

DOCUMENT TYPE: United States of America;North America (NAFTA Countries)

YEAR: 1985 00003 PAGES LANGUAGE: ENGLISH

...DESCRIPTORS: Automotive ; Greases: Synthetic --

6/3,K/6 (Item 4 from file: 92)  
DIALOG(R)File 92:IHS Intl.Stds.& Specs.  
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00333021

**GREASE, SYNTHETIC, ELECTRICAL**

DOCUMENT NUMBER: ESA-M1C212-A

ISSUING ORGANIZATION: FORD - Ford Motor Company

DOCUMENT TYPE: United States of America;North America (NAFTA Countries)

YEAR: 1990 00003 PAGES LANGUAGE: ENGLISH

...DESCRIPTORS: Automotive ; Greases: Synthetic --

6/3,K/7 (Item 5 from file: 92)  
DIALOG(R)File 92:IHS Intl.Stds.& Specs.  
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00333011

**GREASE, FOR ELECTRICAL SWITCHES - SYNTHETIC**

DOCUMENT NUMBER: ESA-M1C170-A

ISSUING ORGANIZATION: FORD - Ford Motor Company

DOCUMENT TYPE: United States of America;North America (NAFTA Countries)

YEAR: 1979 00002 PAGES LANGUAGE: ENGLISH

...DESCRIPTORS: Automotive ; Greases: Synthetic --

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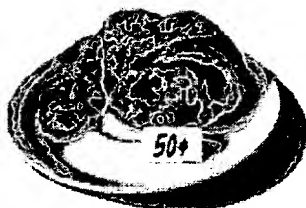
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[q=cache:Dtr3upGVvZIJ:www.halfbakery.com/idea/Lavender-scented\\_20motor\\_20oil+designer+motor+oil&hl=en](http://www.google.com/search?q=cache:Dtr3upGVvZIJ:www.halfbakery.com/idea/Lavender-scented_20motor_20oil+designer+motor+oil&hl=en)

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**halfbakery**

A few slices short of a loaf.

**idea:** new,  
search,  
annotate, link,  
view, overview,  
recent, by  
name, best,  
random

**meta:** [news](#),  
[help](#), [about](#),  
[links](#), report a  
problem

**account:** Browse  
anonymously, or  
get an account  
and write.

User:

Pass:

☐ Login

☐ Create an  
account.

## Lavender-scented motor oil

Calm the raging tide in your rear-view mirror

(0)

This application of aromatherapy would apply the relaxing scent of lavender to the maddening crush of freeway traffic, subtly calming those who follow in your wake.

Coming soon: designer scented gasolines  
—[normzone](#), Dec 25 2003

[Gearhead](#), the spa

[http://www.halfbake...head\\_2c\\_20the\\_20spa](http://www.halfbake...head_2c_20the_20spa)  
[futurebird] [[Letsbuildafort](#), [flag](#), Oct 04 2004,  
last modified Oct 05 2004]

[See? Give them and inch and.....](#)

[http://www.halfbake...ute\\_20powered\\_20car](http://www.halfbake...ute_20powered_20car)  
.....they'll get HOW MANY miles per gallon?  
[[normzone](#), [flag](#), Oct 05 2004]

anti reversion valve car: exhaust  
Exhaust accordion  
Exhaust sock  
front-exhaust  
Lavender-scented motor oil  
Sonic power Ⓚ  
Sterling-powered automobile generator  
Turbine not turbo  
Venturi-Assisted Exhaust System  
Waste Heat Recycling A/C For Cars  
Windshield Exhaust Diverter

Better still, add scent to the tyres. Next time I'm at the drag strip I want to REALLY relax and savor the experience!  
—[Letsbuildafort](#), Dec 25 2003

Just add some pork fat. Mmmm bacon!  
—[FarmerJohn](#), Dec 26 2003

You'd need to be burning oil for this to function as desired, though. That's generally indicative of bad things happening with one's vehicle.

—[waugsqueke](#), Dec 26



2003

They already make stuff like this. Often it's used for drag racers who run on fuels other than gasoline (alcohol dragsters, nitromethane, etc) because those fuels often smell funky or make the drivers feel sick from the smell. They come in tons of different flavors, from grape to cherry and even pina coloda.

—lumpy\_gravy, Feb 10 2004

I feel someone pulling my leg.....

—normzone, Feb 11 2004

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